

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1306	(257/197).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/25 09:46
L4	736	257/e21.371.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 09:57
L5	552	257/e21.387.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 09:46
L6	582	(257/593).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/25 09:46
L8	559	(257/198).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/25 09:46
L9	465	(257/588).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/25 09:46
L10	1	10/709568	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 09:47

## EAST Search History

L11	859	257/e21.375.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 09:54
L12	187	257/e31.069.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 09:58
L13	544	(257/e27.019-E27.023).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 09:59
L14	1430	(257/565).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/25 09:59
L15	13	(substrate and (hole or opening or open or trench or groove or aperture or via) and spacer and emit\$5 and (silicide or salicide) and (bipolar adj junction adj transistor)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 10:00
L16	5	(substrate and (hole or opening or open or trench or groove or aperture or via) and spacer and emit\$5 and (silicide or salicide) and (bipolar adj junction adj transistor)).clm.	US-PGPUB	OR	ON	2007/06/25 10:00
S1	1	("5480815").PN.	USPAT	OR	OFF	2006/10/13 13:34
S2	5	("4800176"   "4996581"   "5010039"   "5272357"   "5302535").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 12:11
S3	4	("4518629"   "4541892"   "4614563"   "4624864").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 12:13

## EAST Search History

S4	352	(257/183).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:14
S5	2506	substrate and (hole or opening or open or trench or groove or aperture or via) and spacer and emit\$5 and (silicide or salicide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 07:27
S6	1	("6,759,731").PN.	USPAT	OR	OFF	2007/04/13 07:53
S8	2	((("6,759,731") or ("20030096486")).PN.	US-PGPUB; USPAT	OR	OFF	2006/05/01 10:04
S9	5	((("5506427") or ("5,213,989") or ("6,521,974") or ("20030096486") or ("4,319,932")).PN.	US-PGPUB; USPAT	OR	OFF	2007/06/25 09:44
S10	197	substrate and (hole or opening or open or trench or groove or aperture or via) and spacer and emit\$5 and (silicide or salicide) and (bipolar adj junction adj transistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/25 10:00
S11	1	10/709568	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 07:28
S12	99	substrate and (hole or opening or open or trench or groove or aperture or via) and spacer and emit\$5 and (silicide or salicide) and (bipolar adj junction adj transistor) and @ad<="20020605"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 07:55
S13	48	substrate and (hole or opening or open or trench or groove or aperture or via) and spacer and emit\$5 and ((silicide or salicide) adj (layer or film)) and (bipolar adj junction adj transistor) and @ad<="20020605"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 07:56
S14	5	("20030096486"   "4319932"   "5213989"   "5506427"   "6521974").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 08:06
S15	5	("20030096486"   "4319932"   "5213989"   "5506427"   "6521974").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 14:29

**EAST Search History**

S16	6	((("6124177") or ("6759731") or ("6521974") or ("5213989") or ("6064107") or ("20030096486"))). PN.	US-PGPUB; USPAT	OR	OFF	2007/04/13 07:57
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